

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1822	(623/1.13,1.23,1.24,1.25,1.39).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/06 15:47
L2	20	L1 and (stent same (pentagon or pentagonal))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/06 15:47
S1	1644	(623/1.13,1.23,1.24,1.25,1.39).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 10:22
S2	0	S1 and (stent same valve same balloon same (graft with (porous or permeable)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 10:23
S3	1	S1 and (stent same valve same (graft with (porous or permeable))) and balloon	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 10:23
S4	128	S1 and (stent same valve same graft) and balloon	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 10:25
S5	25	S4 and (graft with (porous or permeable))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 10:25
S6	14	((("2003047468") or ("1057460") or ("6293968")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 10:29
S7	4	("2003047468").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 10:30
S8	48	((("20070078509") or ("6210318") or ("6210318") or ("6730118") or ("6893460") or ("7393360") or ("20030114913") or ("20030153974") or ("20040039436") or ("20050192665") or ("20080004688") or ("20080004686") or ("6059809") or ("6059809") or ("5306286") or ("6007545") or ("6051021") or ("20070034209") or ("4816020") or ("4911163") or ("7338467") or ("20050171472") or ("5989230") or ("6379334") or ("7048717") or ("20020045855") or ("20050251108") or ("20060079835") or ("20060206002") or ("20070005041") or ("20090005645") or ("6007575") or ("5409019") or ("5429144") or ("5545209") or ("5591129") or ("5908448") or ("6029671") or ("6176843") or ("6264630") or ("6296660") or ("6419657") or ("6485500") or ("6517515") or ("6872223") or ("6923822") or ("6949125") or ("7041080") or ("7137993") or ("7252682") or ("").pn.)).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 14:06
S9	1	("5397351").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 14:08
S10	1	("5332402").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 14:08

S11	109	("3626518"   "3691567"   "3868956"   "3911502"   "4030142"   "4503569"   "4759758"   "4994077").PN. OR ("5332402").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 14:11
S12	548	(623/1.26,2.1,2.14,900).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 15:22
S13	1644	(623/1.13,1.23,1.24,1.25,1.39).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 15:22
S14	161	(S13 or S12) and (stent same valve same graft) and balloon	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 15:22
S15	26	S14 and (graft with (porous or permeable))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 15:22
S16	1	("6893460").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/07 15:31
S17	10	"09777091"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:02
S18	20	(stented valve) same (graft or lining)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:04
S19	3036	(stent same valve) same (graft or lining)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:05
S20	2647	(stent with valve) with (graft or lining)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:06
S21	171	S20 and (graft with (porous or permeable))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:06
S22	919	(S13 or S12) and (stent same graft) and balloon	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:39
S23	689	(S13 or S12) and (((inflat\$4 or expand\$4) with stent) same graft) and balloon	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:39
S24	205	S23 and (graft with (porous or permeable))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 16:40
S25	78	("3130419"   "3143742"   "3571815"   "3574865"   "3626518"   "3911502"   "4580568"   "4648383").PN. OR ("5397351").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 17:01
S26	87	S23 and (graft with (porous or permeable) same (gortex or teflon or ptfe))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 17:11
S27	78	("3130419"   "3143742"   "3571815"   "3574865"   "3626518"   "3911502"   "4580568"   "4648383").PN. OR ("5397351").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 17:15
S28	33	(S13 or S12) and ((stent same valve same ball) or ((ball near3 cage) with stent))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/07 17:18
S29	37	(623/2.35).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 08:33
S30	548	(623/1.26,2.1,2.14,900).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 08:34
S31	1648	(623/1.13,1.23,1.24,1.25,1.39).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 08:34
S33	11	(S31 or S30) and (((inflat\$4 near3 stent) same lining)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 08:35
S34	6	(S31 or S30) and (((inflat\$4 near3 stent) not balloon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 08:36

S35	90	("3671979"   "4056854"   "4183102"   "4592340"   "4727873"   "4817600"   "4960424"   "4994077"   "5163897"   "5163953"   "5207695"   "5360444"   "5370691"   "5397351").PN. OR ("5554185").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 08:37
S36	0	S35 and ((inflat\$4 near3 stent) not balloon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 08:37
S37	9	S35 and ((inflat\$4 near3 stent))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 08:37
S38	1	(S31 or S30) and ((inflat\$4 near3 (check valve)) not balloon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 10:33
S39	2	(S31 or S30) and ((inflat\$4 near3 (check valve)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 10:33
S40	1	("7081133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:02
S41	1	S31 and ((inflat\$4 near3 stent) with gel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:16
S42	4	((inflat\$4 near3 stent) with gel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:16
S43	11	((inflat\$4 near3 stent) same gel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:17
S44	19302	(ball or balloon or poppet) near3 (attach\$3 or connect\$3 or link\$3 or join\$3 or hook\$3) with (stent or surface)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:41
S45	17251	(ball) near3 (attach\$3 or connect\$3 or link\$3 or join\$3 or hook\$3) with (stent or surface)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:42
S46	10806	(ball) near3 (attach\$3 or connect\$3) with (stent or surface)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:42
S47	17	(ball) near3 (attach\$3 or connect\$3) with (stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:42
S48	667	(balloon) near3 (attach\$3 or connect\$3) with (stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:43
S49	446	(balloon) near3 (attach\$3 or connect\$3) near3 (stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:44
S50	0	(balloon) near3 (attach\$3 or connect\$3) near3 (stent) with (string or ribbon or lace)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:44
S51	0	(ball) near3 (attach\$3 or connect\$3) near3 (stent) with (string or ribbon or lace)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:45
S52	474	(ball or balloon) near3 (attach\$3 or connect\$3) near3 (string or ribbon or lace)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:55
S53	12	S52 and implant	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:55
S54	75	(ball or balloon) near3 (attach\$3 or connect\$3) near3 (ribbon)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:58
S55	1	S52 and prosthesis	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 11:59
S56	85074	(ball or balloon or poppet) near3 (valve or (check valve))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 14:19
S57	108757	(ball or balloon or poppet) with (valve or (check valve))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 14:19
S58	1464	(ball or balloon or poppet) with (valve or (check valve)) with (ribbon or lace or string)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 14:20

S59	100	(ball or balloon or poppet) with (valve or (check valve)) with (attach\$3 or tied) with (ribbon or lace or string)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 14:21
S60	14	("1245444"   "5188558"   "5295892"   "5547413"   "5595521"   "5769683"   "5830780"   "5860441"   "5893790").PN. OR ("6244923").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/08 14:25
S61	1	("6709604").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 16:37
S62	548	(623/1.26,2.1,2.14,900).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 18:13
S63	1648	(623/1.13,1.23,1.24,1.25,1.39).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 18:13
S64	278	(S63 or S62) and (inflat\$4 near3 stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/13 18:13
S65	90	("3130419"   "3143742"   "3571815"   "3574865"   "3626518"   "3911502"   "4580568"   "4648383").PN. OR ("5397351").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 16:22
S66	90	("3130419"   "3143742"   "3571815"   "3574865"   "3626518"   "3911502"   "4580568"   "4648383").PN. OR ("5397351").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 16:22
S67	630	(623/1.26,2.1,2.14,900).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:26
S68	1820	(623/1.13,1.23,1.24,1.25,1.39).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 16:26
S69	15	(S67 or S68) and (stent same (inflat\$5 with (lining or liner)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 16:26
S70	123	("3657744"   "3868956"   "3945052"   "4140126"   "4550447"   "4562596"   "4649922"   "4681110"   "4728328"   "4740207"   "4743251"   "4787899"   "4820298"   "4878906"   "4957508"   "5078726"   "5104399"   "5123917"   "5137512"   "5151105"   "5211658"   "5219355"   "5275622"   "5360443"   "5366473"   "5443499"   "5456713"   "5489295"   "5510077"   "5554183"   "5556414"   "5571171"   "5578071"   "5591195"   "5591226"   "5609628"   "5617878"   "5647857"   "5662702"   "5693087"   "5695499"   "5713907"   "5713917"   "5713948"   "5728131"   "5749918"   "5749920"   "5769882"   "5769887"   "5772669"   "5776186"   "5782906"   "5785679"   "5800521"   "5800522"   "5807327"   "5824040"   "5824052"   "5824053"   "5824054"   "5824055"   "5843089"   "5849034"   "5860998"   "5873905"   "5916263"   "5925063"   "5928279"   "5935161"   "5938696"   "5941908"   "5948017"   "5948191"   "5957973"   "5957974"   "5961545"   "5993489"   "6007573"   "6015429"   "6015430"   "6017362"   "6030407"   "6132457"   "6139540").PN. OR ("6383171").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 16:32
S71	3	("5332402"   "5397351"   "6293968").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 16:41

S72	12	(S67 or S68) and (stent same (inner or inside or lined) same (inflat\$5 with (lining or liner)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 18:48
S73	48	("3868986"   "4140126"   "4183102"   "4416028"   "4503569"   "4512338"   "4994071"   "5104404"   "5192310"   "5320100"   "5330528"   "5370681"   "5370691"   "5382261"   "5411550"   "5449373"   "5514154"   "5549663"   "5554180"   "5569295"   "5591197"   "5603721"   "5649978"   "5697971"   "5728131"   "5733303"   "5735893"   "5776161"   "5776183"   "5782789"   "5800515"   "5810872"   "5827321"   "5836964"   "B1 4733665").PN. OR ("6293968").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 18:49
S74	8	(S67 or S68) and ((inflat\$5 with (lining or liner)) same inside same stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 18:52
S75	135	("3700380"   "4173689"   "4286341"   "4323525"   "4459252"   "4475972"   "4512338"   "4555771"   "4580568"   "4604762"   "4712553"   "4731073"   "4733665"   "4738740"   "4800882"   "4816028"   "4820298"   "4873308"   "4878908"   "4950227"   "4954126"   "4994071"   "5019090"   "5104399"   "5116360"   "5156620"   "5171262"   "5195984"   "5236447"   "5282823"   "5290305"   "5330500"   "5354308"   "5356423"   "5360443"   "5385580"   "5443499"   "5562724"   "5632772"   "5639278"   "5653747").PN. OR ("5855598").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 18:53
S76	73	("5156620"   "5370691"   "5494029"   "5554180"   "5554185"   "5649978").PN. OR ("6007575").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 18:57
S77	0	(S67 or S68) and ((inflat\$5 with (reservoir)) same inside same stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 19:02
S78	1	(S67 or S68) and ((inflat\$5 with (reservoir)) same stent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/04 19:02
S79	37	(623/2.35).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 11:20
S80	90	("3130419"   "3143742"   "3571815"   "3574865"   "3626518"   "3911502"   "4580568"   "4648383").PN. OR ("5397351").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:21

**EAST Search History (Interference)**

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**11/ 6/ 2009 5:51:51 PM****C:\ Documents and Settings\ ysharma\ My Documents\ EAST\ Workspaces\ 10572737-valved balloon stent.wsp**